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OCT 11 2004

VIA FACSIMILE

ATTENTION: Examiner George A. Goudreau  
GROUP ART UNIT: 1763  
FIRM/CO. NAME: United States Patent and Trademark Office  
APPLICATION NO: 10/615,159  
FAX NO: (703) 872-9306  
FROM: Ashok K. Janah  
DATE: October 11, 2004  
AMAT REFERENCE NO: 007352 USA/ETCH/DRIE/JB

TOTAL NUMBER OF PAGES 13 (INCLUDING COVER PAGE)

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BUSINESS PHONE: (415) 538-1555 FACSIMILE NO: (415) 538-8380

MESSAGE:

Examiner Goudreau:

Attached please find an Amendment in response to the Non-Final Office Action mailed on July 1, 2004, timely filed within four months thereof, with a request for a one-month extension of time.

Thank you,  
Hilde Susan Jaegtnes

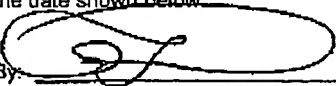
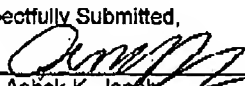
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Frum et al.	Group No: 1763
Application No: 10/615,159	Examiner: George A. Goudreau
Confirmation No: 8238	Attorney Docket No: 007352 USA/ETCH/DRIE/JB
Filed: July 7, 2003	
Title: INTERFEROMETRIC ENDPOINT DETECTION IN A SUBSTRATE ETCHING PROCESS	Monday, October 11, 2004 San Francisco, CA 94107

Commissioner for Patents VIA FACSIMILE: (703) 872-9306	<b>Extension of Time</b> <input checked="" type="checkbox"/> Applicant petitions for an extension of time under 37 C.F.R. 1.136			
<b>Papers Enclosed</b>  <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Declaration <input type="checkbox"/> Drawings <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Citations <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Postcard for Return	Extension (Months)	<b>Extension Fee</b> <table border="1"> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </table>	Large Entity	Small Entity
	Large Entity	Small Entity		
	<input checked="" type="checkbox"/> One Month	\$110.00	\$55.00	
	<input type="checkbox"/> Two Months	\$430.00	\$215.00	
	<input type="checkbox"/> Three Months	\$980.00	\$490.00	
<b>Total \$ 110.00</b>				
<input type="checkbox"/> Applicant believes that no extension of term is required. However, this conditional petition is being made in case applicant has inadvertently overlooked the need for a petition for extension of time.				

Fees for Extra Claims						
	Claims remaining after amendment	Highest number previously paid for	Number Extra	Rate		Additional Fee
				Large Entity	Small Entity	
Total Claims	22	22	0	\$18.00	\$9.00	\$0.00
Independent Claims	4	4	0	\$88.00	\$44.00	\$0.00
Multiple Dependent Claims			0	\$300.00	\$150.00	\$0.00
Supplemental Information Disclosure Statement						
<b>Total</b>						<b>\$0.00</b>

<b>Fee Payment</b> <table border="1"> <tr> <td>Extension Fees</td> <td>\$110.00</td> </tr> <tr> <td>Fees for Extra Claims</td> <td>\$0.00</td> </tr> <tr> <td><b>Total</b></td> <td><b>\$110.00</b></td> </tr> </table>		Extension Fees	\$110.00	Fees for Extra Claims	\$0.00	<b>Total</b>	<b>\$110.00</b>	<b>Fee Deficiency</b> <input checked="" type="checkbox"/> If any additional extension and/or fee is required, please charge Deposit Account No. <u>10-0258</u> . and/or <input checked="" type="checkbox"/> If any additional fee for claims is required, please charge Deposit Account No. <u>10-0258</u> .
Extension Fees	\$110.00							
Fees for Extra Claims	\$0.00							
<b>Total</b>	<b>\$110.00</b>							
<input type="checkbox"/> Attached is check no. _____ in the sum of \$0.00. <input checked="" type="checkbox"/> Please charge Deposit Account No. <u>10-0258</u> in the sum of \$110.00. <b>CERTIFICATE OF TRANSMISSION (37 C.F.R. § 1.8a):</b>  I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at Fax No. (703)872 9306 on the date shown below  <div style="display: flex; justify-content: space-between;"> <div>           By:             Hilde Susan Jaegtnes         </div> <div>           Date: <u>October 11, 2004</u> </div> </div>		Please direct telephone calls to: Ashok K. Janah at (415) 538-1555 Please continue to send correspondence to: Applied Materials, Inc. Patent Department, M/S 2061 P.O. Box 450A Santa Clara, CA 95052  Respectfully Submitted,  <div style="display: flex; justify-content: space-between;"> <div>           By:             Ashok K. Janah            Registration No. 37,487         </div> <div>           Date: <u>October 11, 2004</u> </div> </div>						

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VIA FACSIMILE  
(703) 872-9306AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Commissioner for Patents

Examiner Goudreau:

This amendment for the above-referenced application is in response to the non-final office action mailed on July 1, 2004 and is being timely filed within four months thereof with a request for a one-month extension of time.

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at (703) 872-9306 on the date shown below.

By: 

Hilde Susan Jaegtnes

Date: October 11, 2004

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